

NEW ABSTRACT:

Please find the following new abstract:

Abstract of the Disclosure

A fuel injector having a pressure booster whose booster piston separates a working chamber, which is continuously acted on with fuel by means of a pressure source, from a differential pressure chamber that can be pressure-relieved; a pressure change in the differential pressure chamber occurs via an actuation of a servo-valve whose control chamber can be pressure-relieved by an on/off valve that also opens or closes a hydraulic connection of the differential pressure chamber to a first return on the low-pressure side. In the deactivated state of the pressure booster, a first sealing seat seals a return on the low-pressure side off from a high-pressure region of the servo-valve, which region is comprised of the control chamber, a first hydraulic chamber, and a second hydraulic chamber.